IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel claims 1-8 and add claims 9-16 as follows:

Listing of Claims:

Claim 1 (canceled)

Claim 2 (canceled)

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (canceled)

Claim 8 (canceled)

Claim 9 (new): A ring compression device that applies force on a periphery of a ring to thereby compressing the ring and fixing the ring on a mounting body placed inside the ring, comprising:

a non-rotatable substrate having a central axis;

a plurality of longitudinal pressing members arranged on a first plane different from that of the substrate and radially around the central axis with one ends pointing toward the central axis, the pressing members capable of freely moving toward or away from the central axis in the first plane;

a rotating body configured to rotate around the central axis in a second plane that is parallel to the first plane; and

a driving mechanism that engages with the rotating body and the pressing members such that when the rotating body rotates, all of the pressing members integrally move toward the central axis and apply force on the periphery of the ring with the one ends of the pressing members.

Claim 10 (new): The ring compression device according to claim 9, wherein, the rotating body has an initial position at which the one end of one of the pressing members is located on a circle around the central axis that corresponds substantially to the periphery of the ring and the one ends of other pressing members are located outside of the circle, and

the driving mechanism engages with the rotating body and the pressing members such that, when the rotating body rotates, the one ends of the other pressing members move toward the circle, and once the one ends of the other pressing members are located on the circle, all the pressing members move toward the central axis.

Claim 11 (new): The ring compression device according to claim 9, further comprising a hooking mechanism that hooks the ring, the hooking mechanism having a claw member abutting on an edge face on one side of the ring on the side of the substrate and also having a movable claw member abutting on an edge face on the other side of the ring on the tip side of the specific pressing member, wherein, in an initial state, the one end of one of the pressing members is located on a circle with the central axis as a center and diameter of the ring as a diameter, and the one ends of other pressing members are located outside of the circle, wherein

the driving mechanism engages with the rotating body and the pressing members such that,

when the rotating body rotates, the one ends of the other pressing members move toward the circle, and once the one ends of the other pressing members are located on the circle, all the pressing members move toward the central axis.

Claim 12 (new): The ring compression device according to claim 9, further comprising a holding mechanism configured to hold the mounting body in such a manner that the mounting body is aligned to the central axis.

Claim 13 (new): The ring compression device according to claim 9, further comprising a holding mechanism configured to hold the mounting body in such a manner that the mounting body is aligned to the central axis, wherein, in an initial state, the one end of one of the pressing members is located on a circle with the central axis as a center and diameter of the ring as a diameter, and the one ends of other pressing members are located outside of the circle, wherein

the driving mechanism engages with the rotating body and the pressing members such that, when the rotating body rotates, the one ends of the other pressing members move toward the circle, and once the one ends of the other pressing members are located on the circle, all the pressing members move toward the central axis.

Claim 14 (new): The ring compression device according to claim 9, further comprising:

a hooking mechanism that hooks the ring, the hooking mechanism having a claw member abutting on an edge face on one side of the ring on the side of the substrate and also having a

movable claw member abutting on an edge face on the other side of the ring on the tip side of the specific pressing member, wherein, in an initial state, the one end of one of the pressing members is located on a circle with the central axis as a center and diameter of the ring as a diameter, and the one ends of other pressing members are located outside of the circle, wherein the driving mechanism engages with the rotating body and the pressing members such that, when the rotating body rotates, the one ends of the other pressing members move toward the circle, and once the one ends of the other pressing members are located on the circle, all the pressing members move toward the central axis; and

a holding mechanism configured to hold the mounting body in such a manner that the mounting body is aligned to the central axis.

Claim 15 (new): A ring compression method of applying force on a ring to fix the ring on a mounting body, comprising:

hooking the ring with one ends of a plurality of longitudinal pressing members that can freely move in a plane and in a radial direction with respect to an axis;

inserting the mounting body into a bore of the ring and holding the body in such a manner that the mounting body is aligned with the axis; and

forcibly moving the one ends of the pressing members toward the axis to thereby apply force on the ring.

Claim 16 (new): The ring compression method according to claim 15, further comprising:

first controlling, before the hooking, such that the one end of one of the pressing members is located on a circle with the axis as a center and diameter of the ring as a diameter, and the one ends of other pressing members are located outside of the circle; and

second controlling, before the hooking and after the first controlling, such that the one ends of the other pressing members move toward the circle, and once the one ends of the other pressing members are located on the circle, all the pressing members move toward the central axis.